V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12250 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 5 2012

See axaff12250N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.595522027671

Comments

The data for this observation have been processed using the 'EDSER'
sub-pixel event-repositioning algorithm of Li et al. (2004, ApJ, 610,
1204). Small-scale features should become sharper for sources near the
aim point. The improvement will be less noticeable for off-axis sources
where the size of the point-spread function is comparable to or larger
than the size of an ACIS pixel. To take full advantage of the
improvement, images should be binned on spatial scales smaller than the
size of an ACIS pixel. Note that, at present, the point-spread function
has not been calibrated for data to which the EDSER algorithm has been
applied. If dither was disabled for the observation, then the algorithm
can introduce artificial aliasing effects on spatial scales smaller than
a pixel. If you would prefer to use no sub-pixel adjustment or to apply
a coordinate randomization, then use acis_process_events to reprocess
the data with the parameter pix_adj=NONE or RANDOMIZE, respectively.

seq_num	800970	Sequence number
obs_id	12250	Observation id
title	Extending X-ray and Sunyaev-Zel'dovich effect calibrations to low mass galaxy clusters	Proposal title
observer	Dr Ben Maughan	Principal investigator
object	A853	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	145.565	Observer's specified target RA [deg]
dec_targ	15.382	Observer's specified target Dec [deg]
ra_nom	145.55654470276	Nominal RA [deg]
dec_nom	15.35540609308	Nominal Dec [deg]
roll_nom	248.11801195117	Nominal Roll [deg]
revision	2	Processing version of data
ontime	25595.52202642	Sum of GTIs [s]
livetime	25261.097687995	Livetime [s]
ontime0	25595.39890641	Sum of GTIs [s]
ontime1	25595.439946413	Sum of GTIs [s]
ontime2	25589.198985755	Sum of GTIs [s]
ontime3	25595.52202642	Sum of GTIs [s]
ontime6	25595.357866406	Sum of GTIs [s]
l2events	98317	Number of level 2 events